

# **User Manual**

**for**

# **Bake It Happen**

**Version 1.0 approved**

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**12/02/2020**

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## Revision History

Name	Date	Reason For Changes	Version

# 1. Introduction

## 1.1. Purpose

The purpose of this document is to explain how to set up, access and use the Bake It Happen web application.

## 1.2. Audience

The purpose of the project is to provide a food recipe web app that allows users to input ingredients to find recipes that consist of those exact ingredients. Users will be able to search for recipes from the Spoonacular API as well as a database of user submitted recipes. Users are able to submit their own recipes after they have logged in and they can access them in their user profile. Our intended audience for this project are parents, students and those who enjoy cooking for themselves but might not have the time or budget to make anything complicated.

## 1.3. Security

For security purposes and verification, the registration process requires the user enter the email and password twice. Valid username and password is required to access the user profile. To guard against unauthorized duplicate accounts Emails usernames are checked to not already be in use.

## 1.4. Overview

The remainder of this document is sectioned into three succeeding components:

2. **Getting Started** – general use, set up, and logging into the application.
3. **Advanced Useability** – Details usage of more specific features.
4. **Disclaimers** – describes current known issues and possible fixes for users and performance when using Bake It Happen across different web browsers

## 1.5. References

Spoonacular API <https://spoonacular.com/food-api/updates> Last Updated July 2020  
Authors: Crystal (coffeebean), David (dsky), Philipp (qqilhq), Allie (almahill)

## 2. Getting Started

### 2.1. Requirements

To set up and run Bake It Happen, you will need:

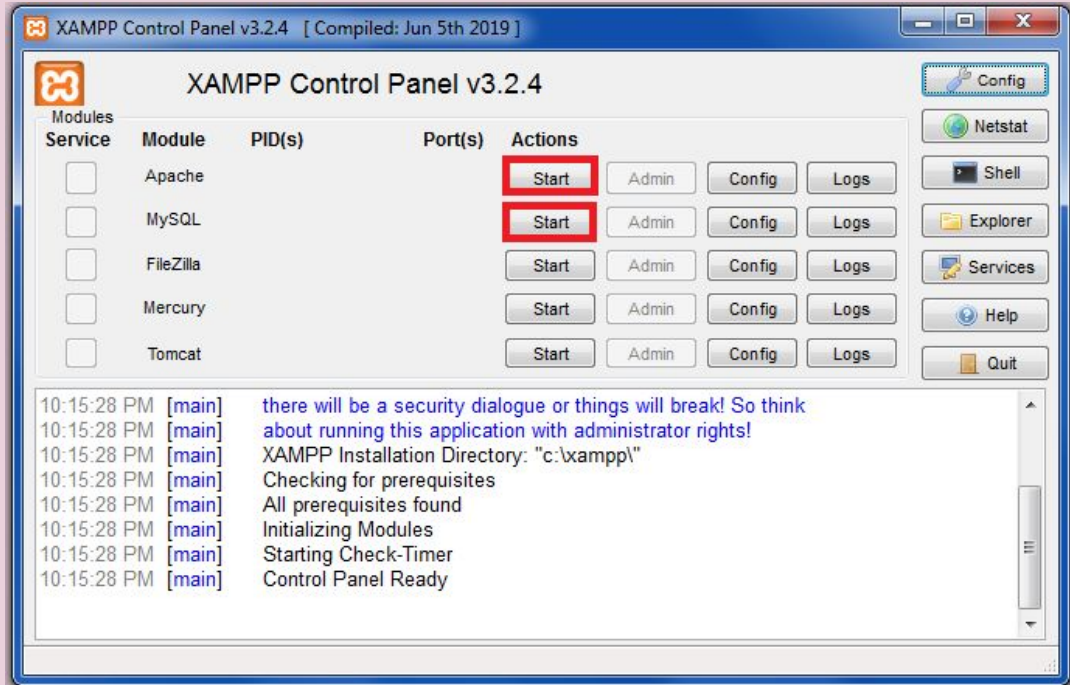
- XAMPP 7.4.12 or later (<https://www.apachefriends.org/index.html>)
- a zip file of the current version of the repository bakeithappenfinal of Bake It Happen (<https://github.com/BakeItHappen/bakeithappenfinal>)
- data compression software (winZip, WinRAR, 7zip, etc.)

### 2.2. Setup

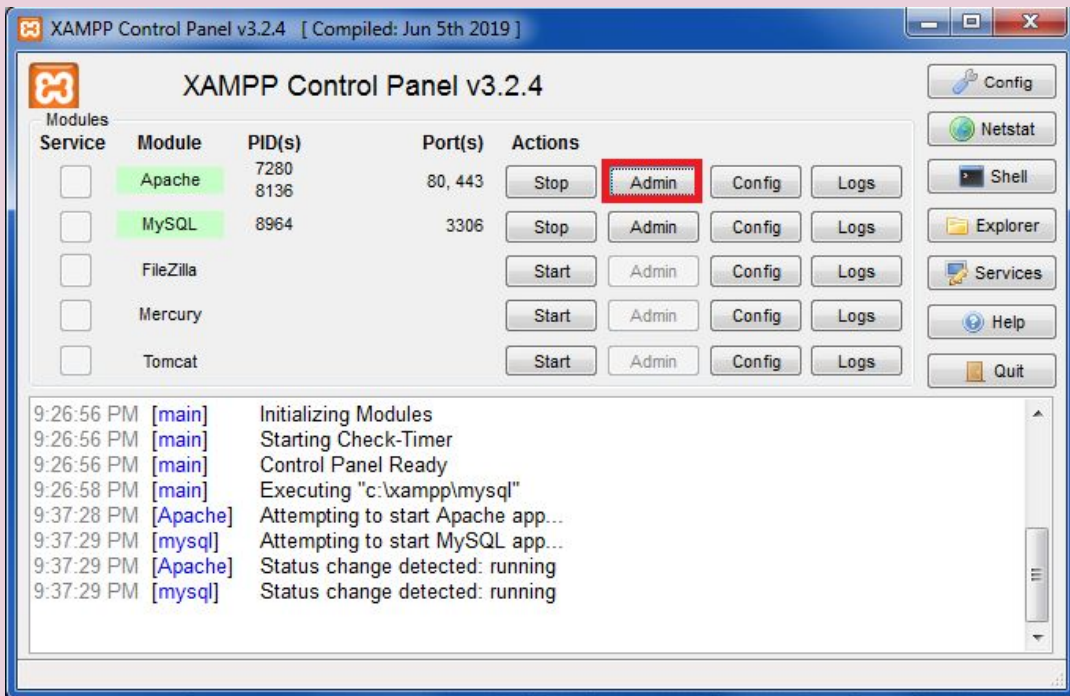
- In the 'htdocs' folder in your XAMPP directory create a new folder called 'Projects'. If XAMPP was installed with the default settings, the directory path should be similar to C:\xampp\htdocs.

Name	Date modified	Type	Size
anonymous	11/18/2020 2:02 PM	File folder	
apache	11/18/2020 2:02 PM	File folder	
cgi-bin	11/18/2020 2:03 PM	File folder	
contrib	11/18/2020 2:02 PM	File folder	
FileZillaFTP	11/18/2020 2:03 PM	File folder	
htdocs	11/18/2020 2:04 PM	File folder	
img	11/18/2020 2:02 PM	File folder	
install	11/18/2020 2:03 PM	File folder	
licenses	11/18/2020 2:02 PM	File folder	
locale	11/18/2020 2:02 PM	File folder	
mailoutput	11/18/2020 2:02 PM	File folder	
mailtodisk	11/18/2020 2:02 PM	File folder	
MercuryMail	11/18/2020 2:03 PM	File folder	
mysql	11/18/2020 2:02 PM	File folder	
perl	11/18/2020 2:02 PM	File folder	
php	11/18/2020 2:03 PM	File folder	
phpMyAdmin	11/18/2020 2:13 PM	File folder	
sendmail	11/18/2020 2:03 PM	File folder	
src	11/18/2020 2:02 PM	File folder	
tmp	12/7/2020 10:15 PM	File folder	
tomcat	11/18/2020 2:02 PM	File folder	
webalizer	11/18/2020 2:03 PM	File folder	
webdav	11/18/2020 2:02 PM	File folder	
apache_start	6/7/2013 4:15 AM	Windows Batch File	1 KB
apache_stop	11/18/2020 2:03 PM	Windows Batch File	1 KB
catalina_service	3/30/2013 5:29 AM	Windows Batch File	10 KB

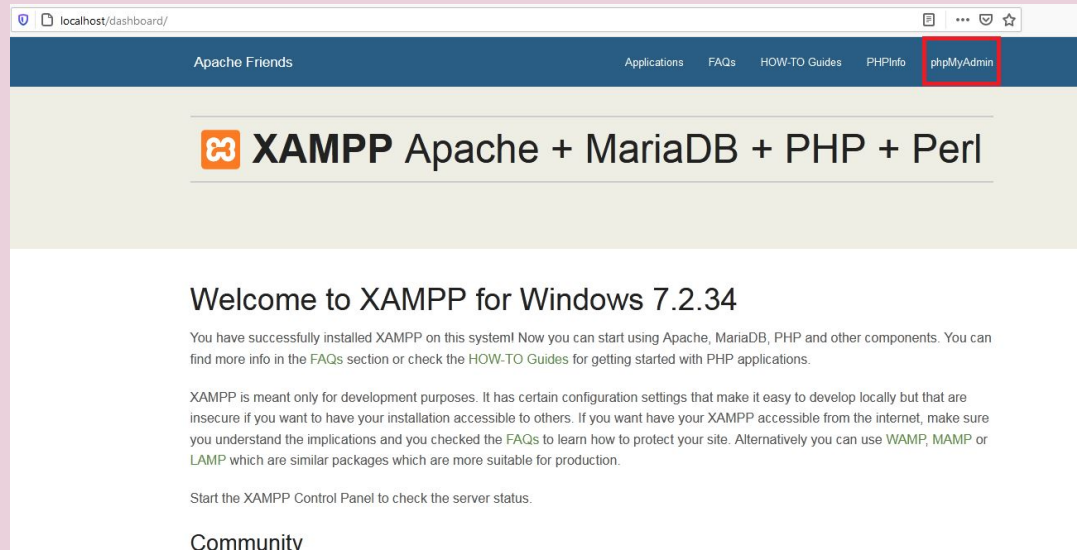
- Unzip the current version of bakeithappenfinal-master of Bake It Happen onto your computer using your preferred data compression software. Once done, move the folder named BakeItHappen into the newly created 'Projects' folder.
- Once done, open the XAMPP Control Panel from your Desktop or Start Menu and click 'Start' for both the Apache and MySQL modules.



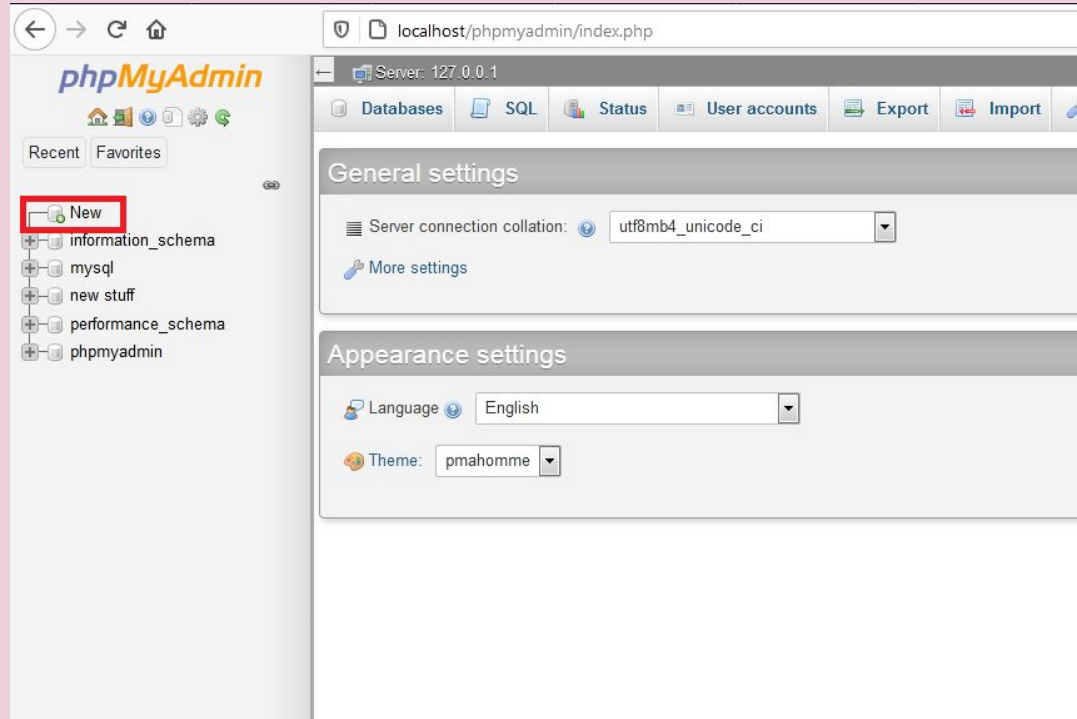
- Click 'Admin' for the Apache module.



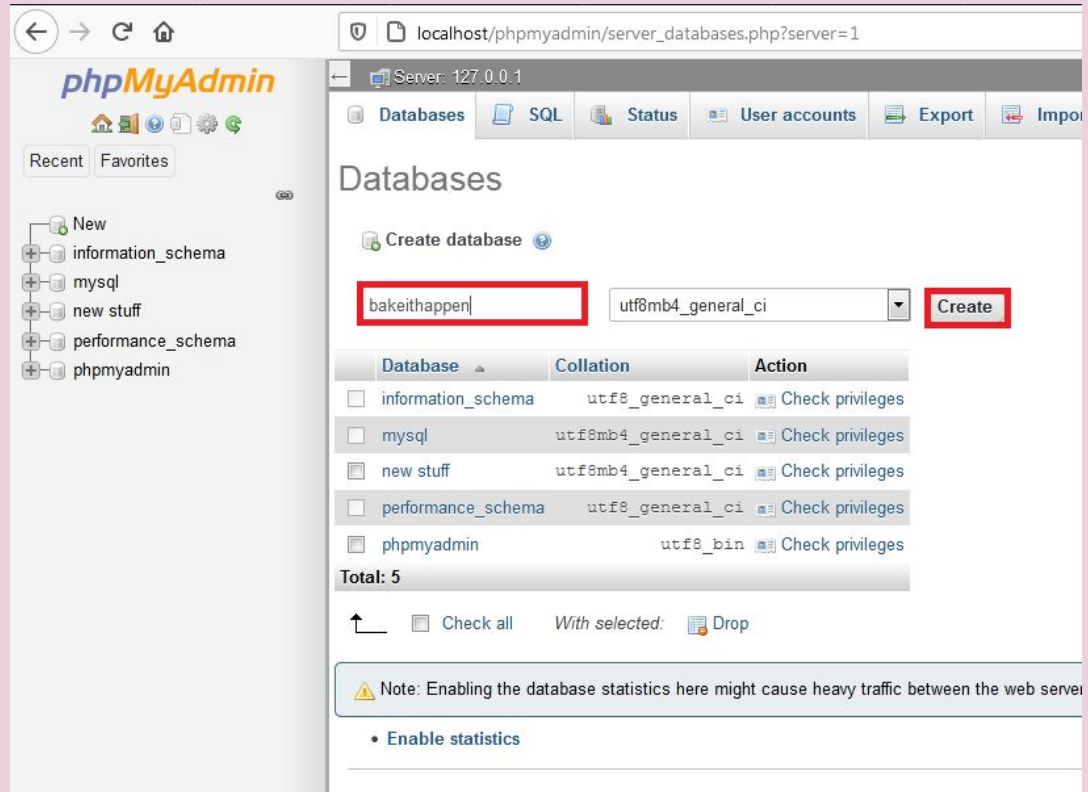
- On the <http://localhost/dashboard/> page, click 'phpMyAdmin' in the upper right corner of the screen.



- Click 'New' in the left sidebar.

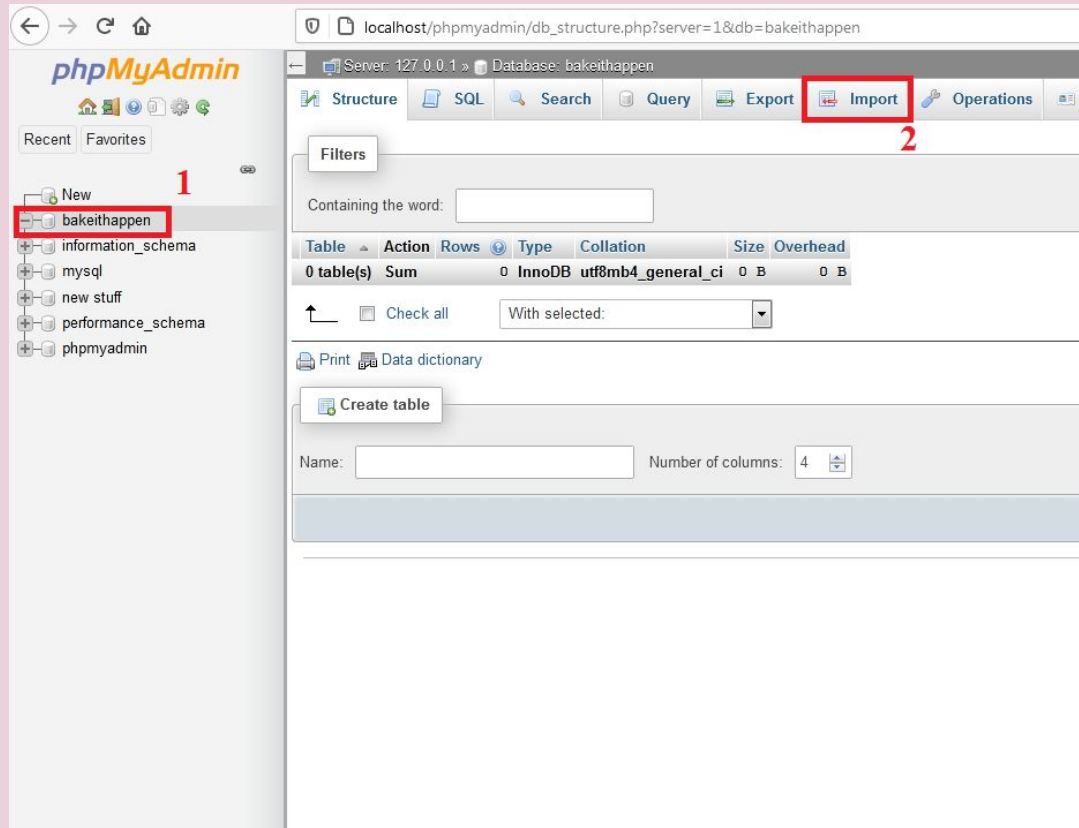


- Create a new database named 'bakeithappen' and keep all other settings unchanged.

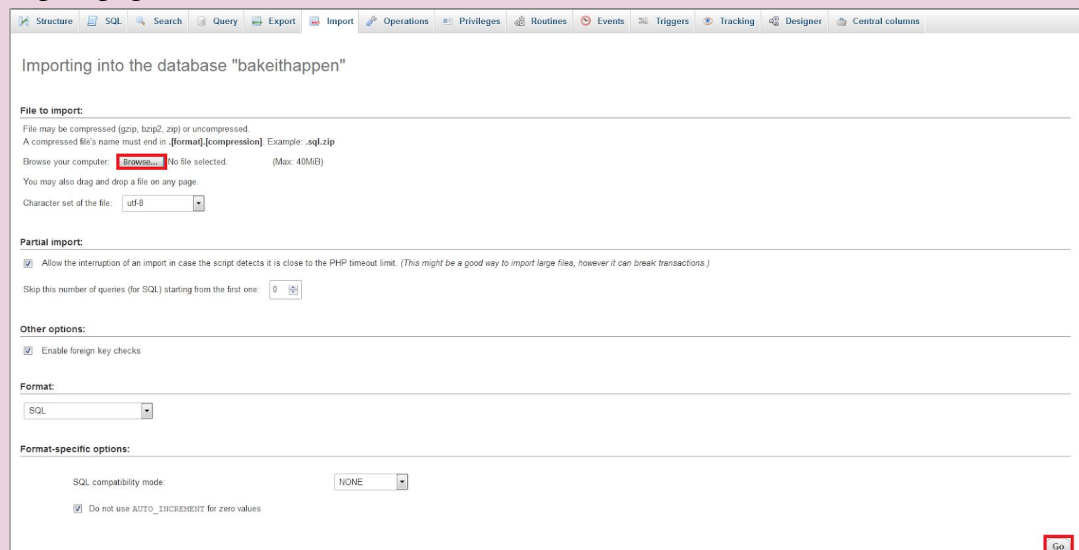


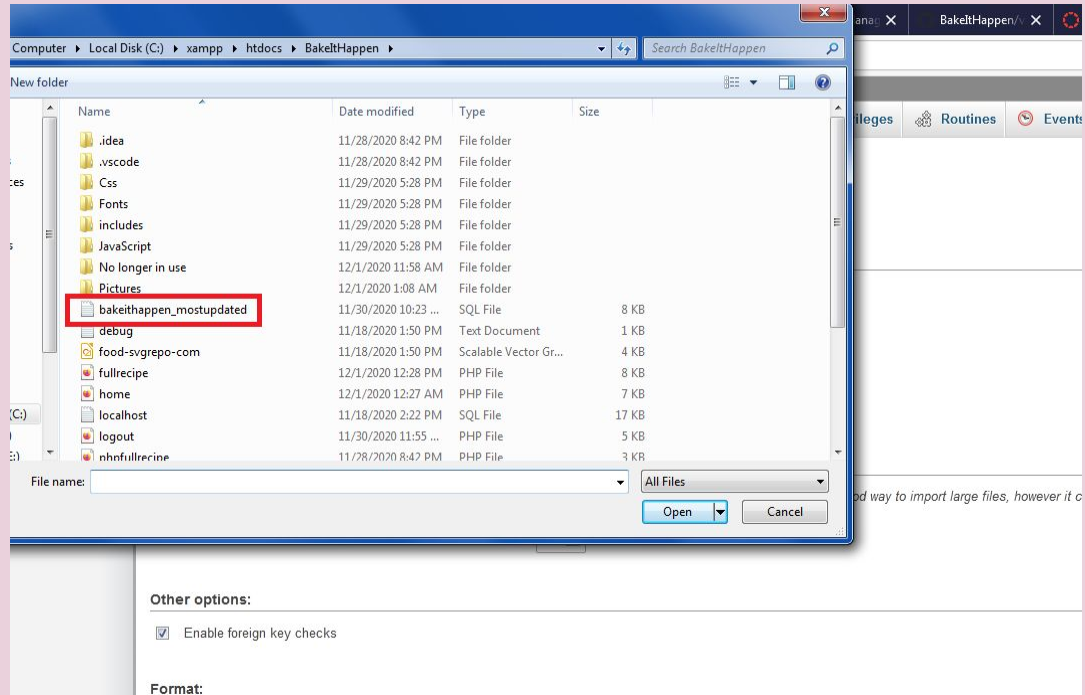
- Click the newly created 'bakeithappen' database in the left side bar, then click Import from the horizontal menu at the top of the page.



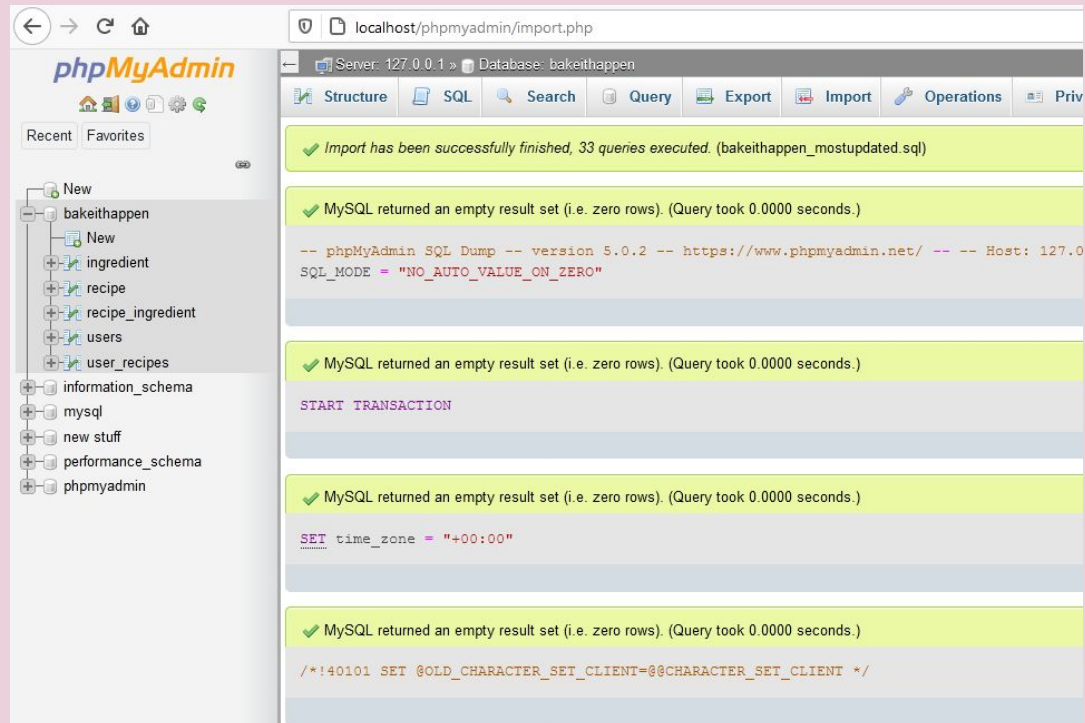


- Once there, browse to htdocs > Projects > BakeItHappen and choose 'bakeithappen\_mostupdated'. Make sure to click the 'Go' button at the bottom of the import page.





- The 'bakeithappen' happen database should now have five tables named: ingredient, recipe, recipe\_ingredient, users and user\_recipes



## 2.3. Accessing the Application

To access the Bake It Happen web application, first open the XAMPP Control Panel from your Desktop or Start Menu and click 'Start' for both the Apache and MySQL modules.

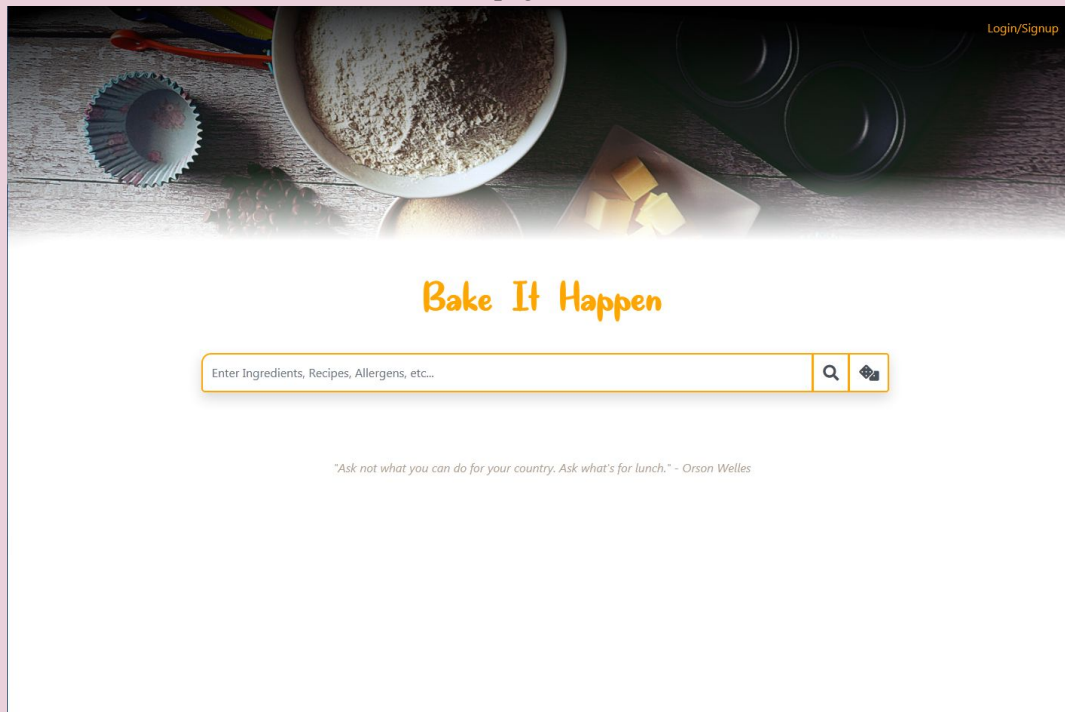
Once running, open a browser of your choice and navigate to

<http://localhost/Projects/BakeItHappen/home.php>

Note: If you receive the error 'The requested URL was not found on this server' then please verify that you have the current version of BakeItHappen in the 'Projects' folder following the [set up instructions](#).

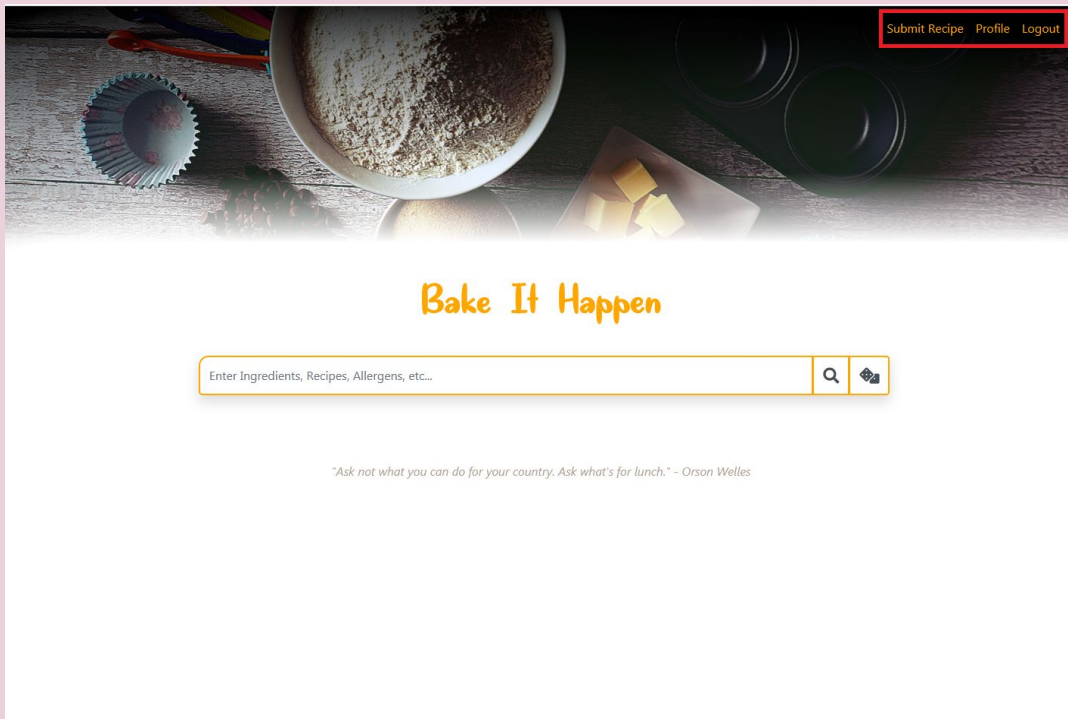
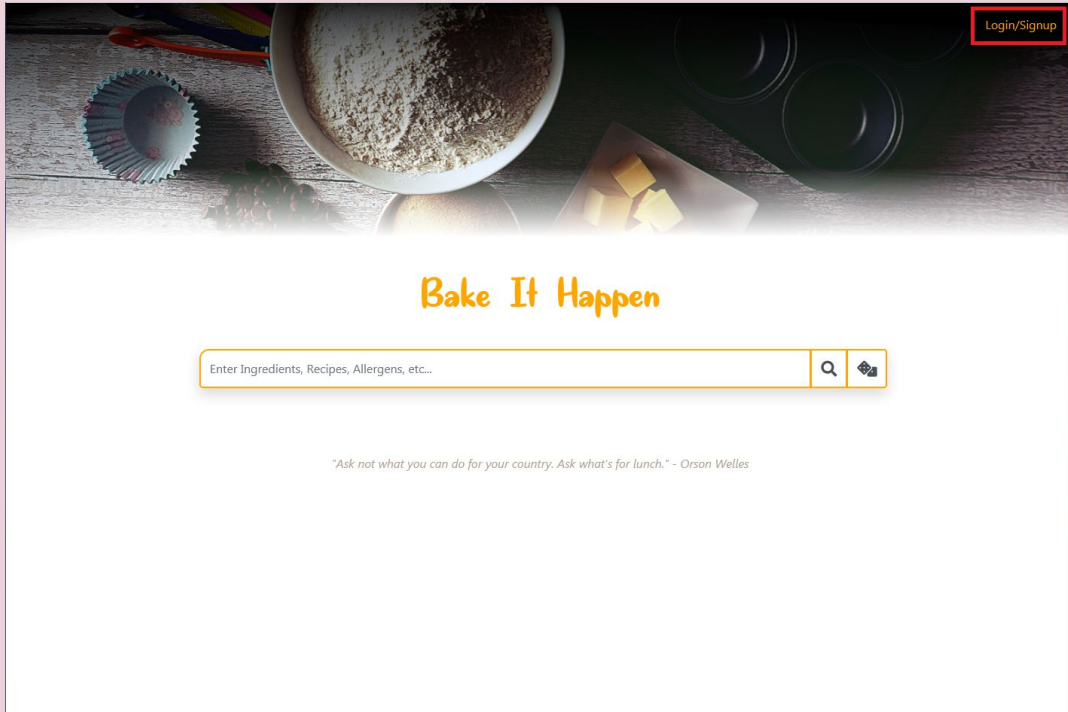
## 2.4. Search

The search bar can be found on the home page.



## 2.5. Account Registration/Login

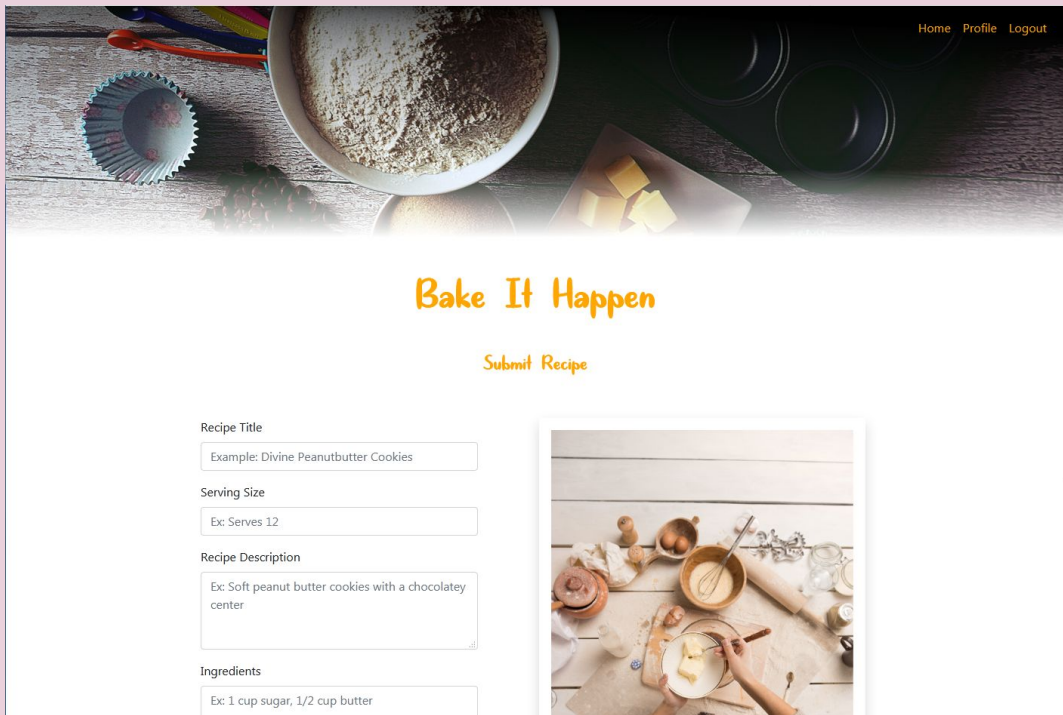
Account registration and login can be found via the 'Login/Signup' link found in the navigation bar at the top of each page. Users will know that they have been successfully logged in when the 'Login/Signup' link in the navigation bar is replaced with the 'Submit Recipe', 'Profile' and 'Logout' links.



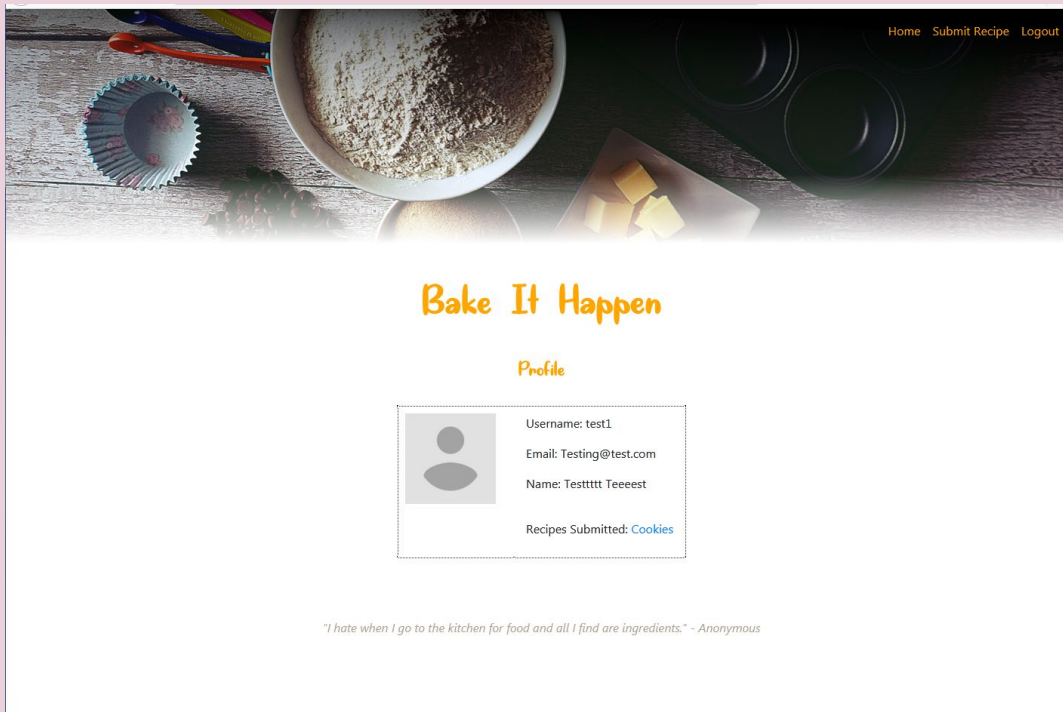
## 2.6. User Submissions

Users can submit their own personal recipes via the 'Submit Recipe' link found in the navigation bar at the top of each page. Once a user has submitted a recipe, they can find a

link to these recipes on their profile which can be found via the 'Profile' link in the navigation bar.



The screenshot shows the 'Submit Recipe' page of the 'Bake It Happen' application. The header features a navigation bar with links for 'Home', 'Profile', and 'Logout'. The main content area includes a form for submitting a new recipe. The form fields are: 'Recipe Title' (with an example 'Divine Peanutbutter Cookies'), 'Serving Size' (with an example 'Ex: Serves 12'), 'Recipe Description' (with an example 'Ex: Soft peanut butter cookies with a chocolatey center'), and 'Ingredients' (with an example 'Ex: 1 cup sugar, 1/2 cup butter'). To the right of the form is a placeholder image for the recipe, showing a person's hands mixing ingredients in a bowl.



The screenshot shows the 'Profile' page of the 'Bake It Happen' application. The header features a navigation bar with links for 'Home', 'Submit Recipe', and 'Logout'. The main content area displays the user's profile information, including a placeholder for a profile picture and the following details: 'Username: test1', 'Email: Testing@test.com', 'Name: Testtttt Teeeest', and 'Recipes Submitted: Cookies'. At the bottom of the page, there is a quote: '"I hate when I go to the kitchen for food and all I find are ingredients." - Anonymous'.



## **3. In-Depth Useability**

### **3.1. In-Depth Search Capabilities**

#### **3.1.1 - Standard Recipe Search**

- Inputs must be separated by a space.
- A standard search can contain any number of inputs.
- Returned results will be sorted by local first.

#### **3.1.2 - Randomized Recipe Search**

- Can be accessed through hitting the Standard Search button, with no inputs, resulting in many randomized results,
- Can also be accessed through hitting the “Dice” button returning a single randomized result.

### **3.2. In-Depth Registration/Login**

#### **3.2.1 - Registration**

- Valid username must be between 5 and 25 characters in length(inclusive) and must be unique.
- Valid first and last name must be between 2 and 25 characters in length(inclusive).
- Valid Email must be entered twice to verify that they match and emails must be unique for every user.
- Passwords must be between 5 and 20 characters long(inclusive) and must be entered twice to verify that they match. Valid password must only include alphanumeric characters a-b, A-B and 0-9.
- Press submit to submit form.

#### **3.2.2 - Logging In**

- After creating an account, users may log into a personal account.
- First field for the username must be entered correctly.
- Second field for the password must be entered correctly.
- Press submit to proceed.

### **3.3. In-Depth User Submissions**

#### **3.3.1 - User Submitted Recipes**

- Users must be logged in to submit recipes.
- Recipe must contain at least 1 ingredient.
- Ingredients must be separated by a space.
- 

#### **3.3.2 - Accessing User Submitted Recipes**

- User submitted recipes are accessed through the same process that accesses Spoonacular recipes.

## **4. Disclaimers**

### **4.1. Performance Across Web Browsers**

Only Firefox, Chrome, and Opera were tested, there should be no notable difference in performance between the three web browsers.

### **4.2. Known Technical Issues**

- There have been known formatting issues that occur seemingly at random. This technical issue is difficult to replicate and tends to resolve itself by either refreshing the page or accessing the web application in a private tab.
- Issues with uploading an avatar during registration. Feature was presumably working correctly until it was tested later on in the development process and issues arose with regards to unrecognized file path.
- Attempting to display an avatar uploaded by a user results in the user's icon disappearing from their profile page
- Sometimes the random dice search button will bring undefined search results. In that case try again.
- If the search does not bring up any search results from the api, then it is very likely that the api points have been depleted. Wait 24 hours.